

Fig. 1
(Prior Art)

Reference electrode - keeping fixed potential

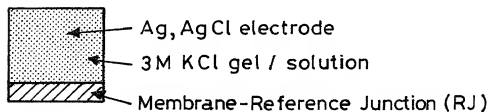
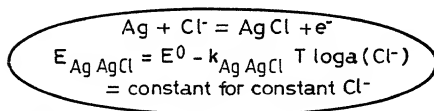


Fig. 2
(Prior Art)

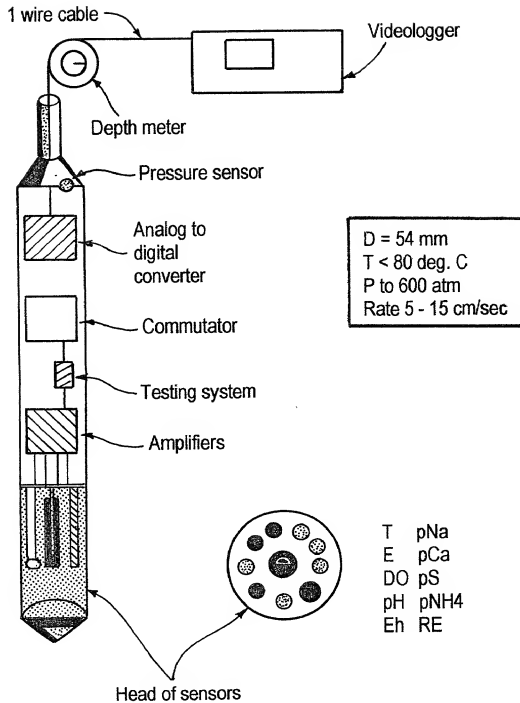


Fig. 3
 (Prior Art)

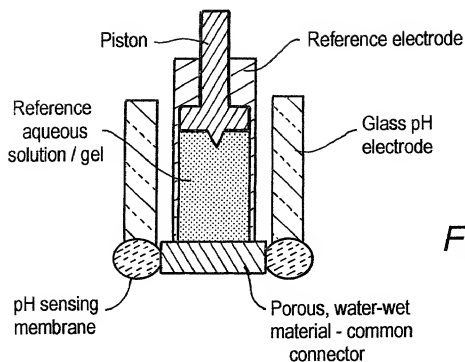


Fig. 7

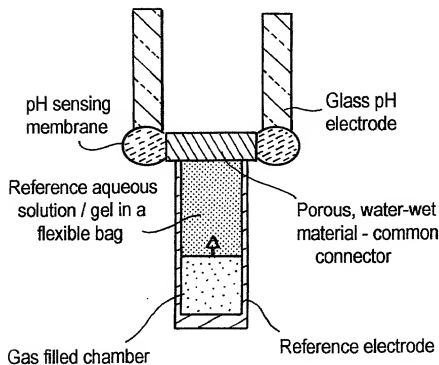


Fig. 8

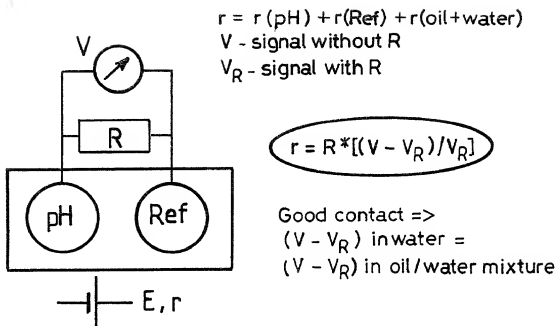


Fig. 9

New sensor design for MDT

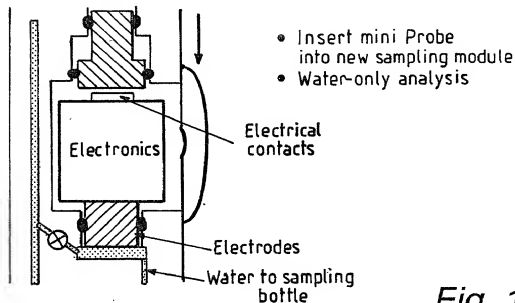


Fig. 10

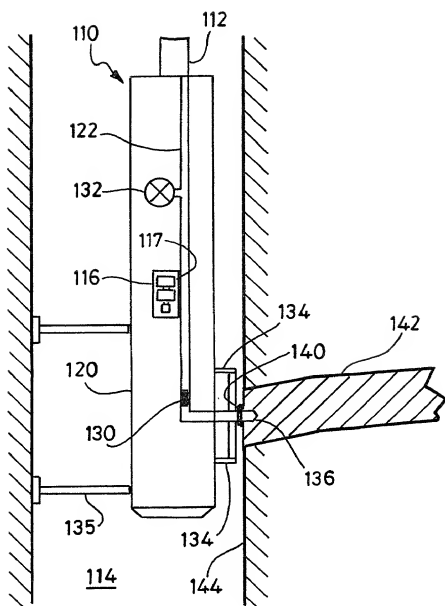


Fig. 11

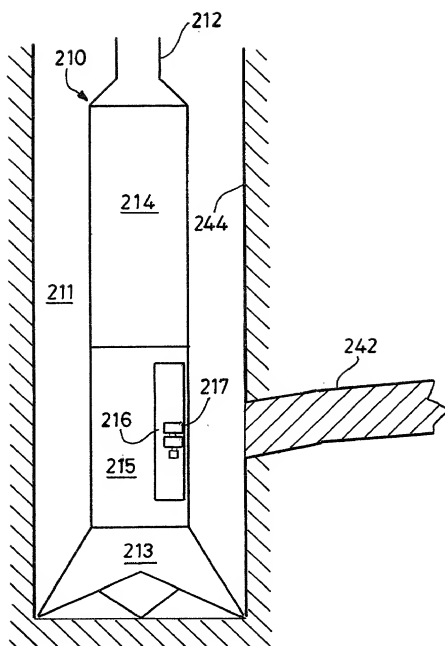


Fig. 12

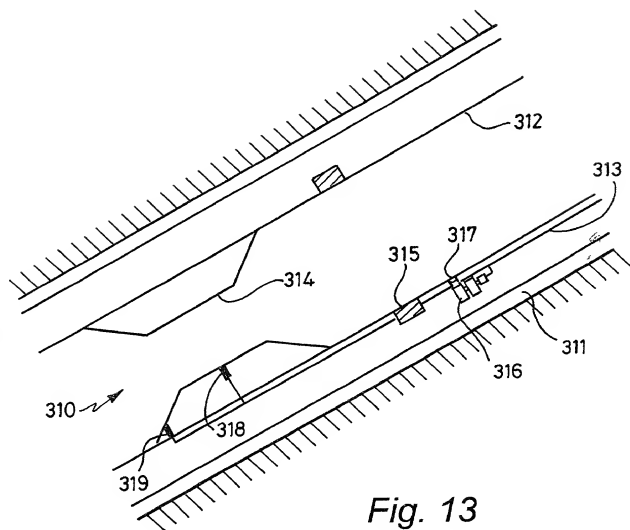


Fig. 13

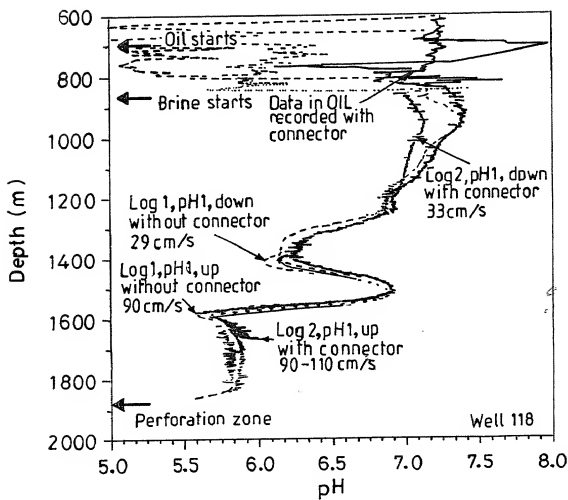


Fig. 14